

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002795.D
 Acq On : 20 Sep 2018 20:17
 Operator : JU/SJ
 Sample : J4874-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZB7

Quant Time: Sep 21 04:01:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 04:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1665	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6328	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3364	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	680591	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	7170	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	4090	0.45	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

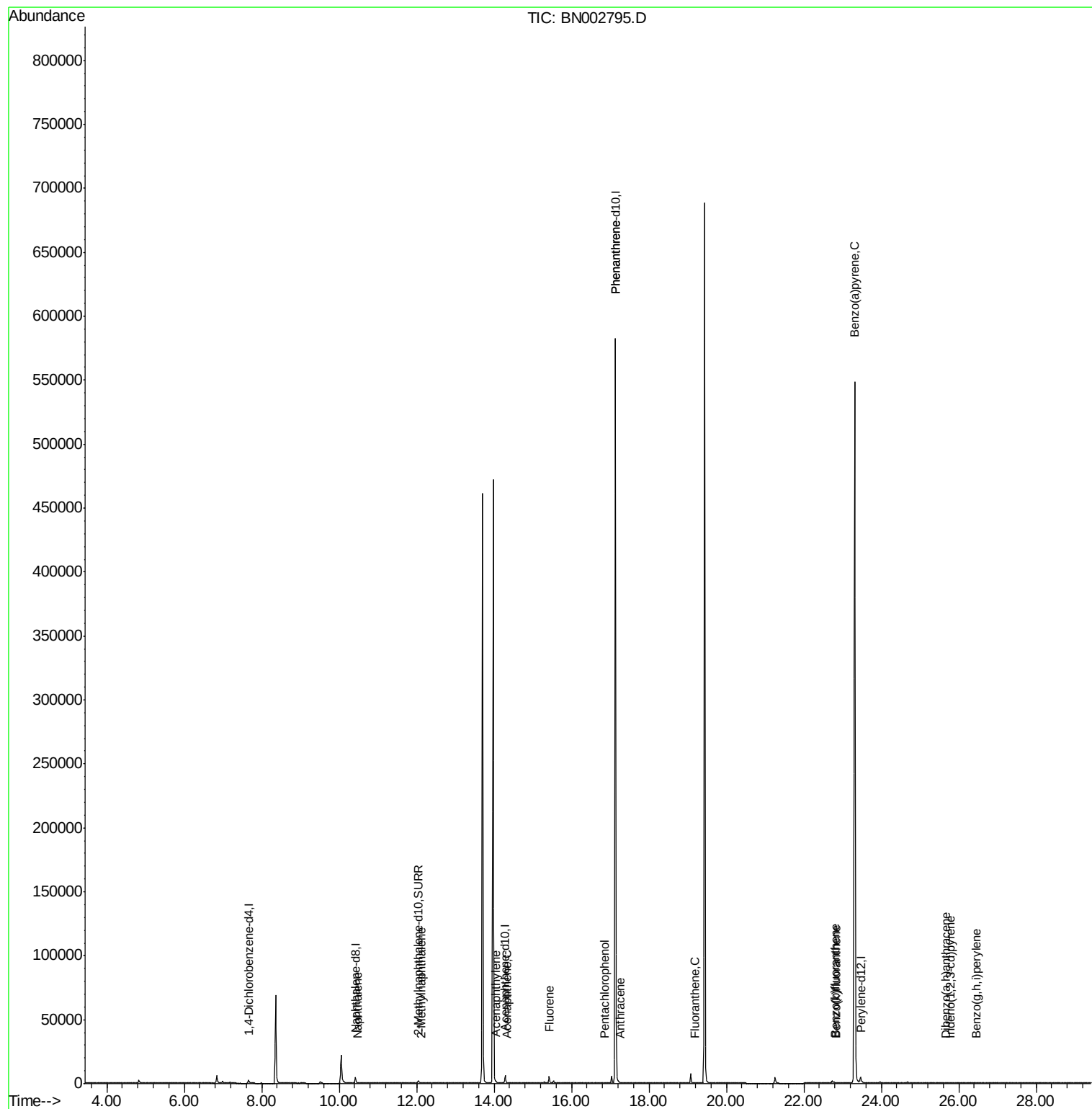
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	53	0.003	ng/ul#	1
5) 2-Methylnaphthalene	12.13	142	24	0.002	ng/ul	92
7) Acenaphthylene	14.05	152	3	0.000	ng/ul#	1
8) Acenaphthene	14.35	153	9	0.001	ng/ul#	70
9) Fluorene	15.42	166	62	0.005	ng/ul#	1
11) Pentachlorophenol	16.85	266	1	0.000	ng/ul#	1
12) Phenanthrene	17.13	178	326	0.000	ng/ul#	1
13) Anthracene	17.27	178	3	0.000	ng/ul#	1
15) Fluoranthene	19.19	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	137	0.006	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	110	0.004	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2569	0.113	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.77	276	107	0.004	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.66	278	4	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.44	276	100	0.004	ng/ul#	1

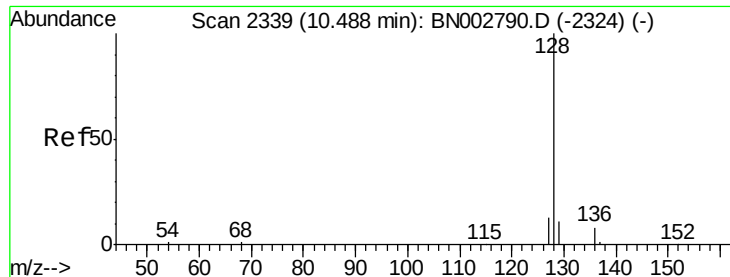
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.003 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Instrument :

BNA_N

ClientSampleId :

A3ZB7

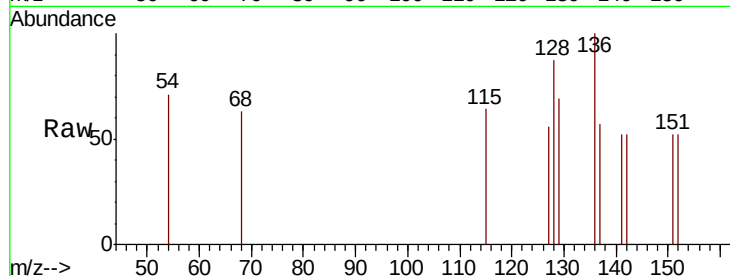
Tgt Ion:128 Resp: 53

Ion Ratio Lower Upper

128 100

129 79.2 8.0 12.0#

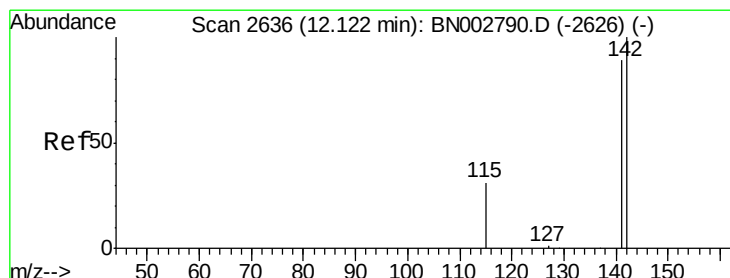
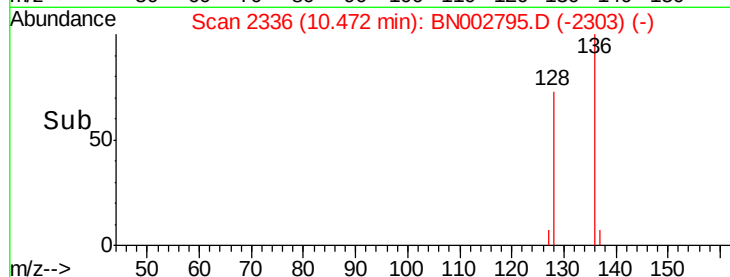
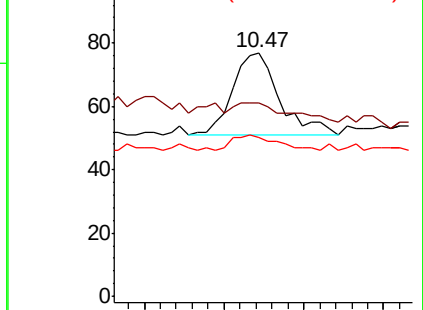
127 64.9 12.0 18.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.002 ng/ul

RT: 12.13 min Scan# 2637

Delta R.T. 0.01 min

Lab File: BN002795.D

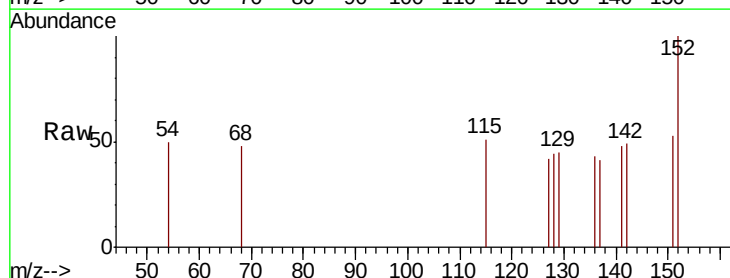
Acq: 20 Sep 2018 20:17

Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

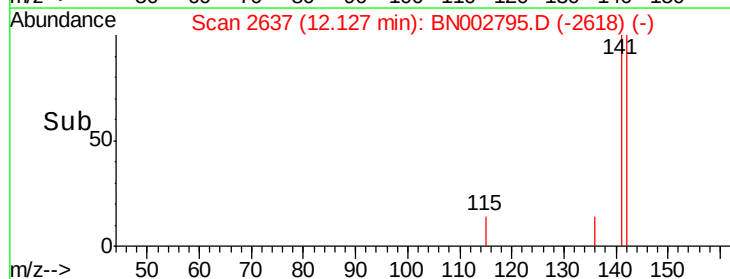
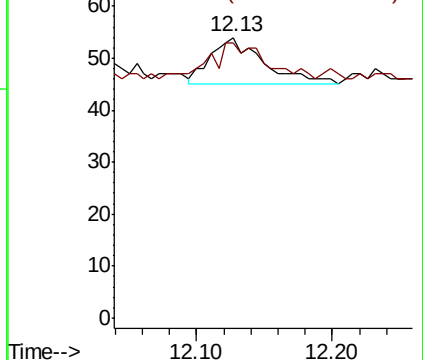
142 100

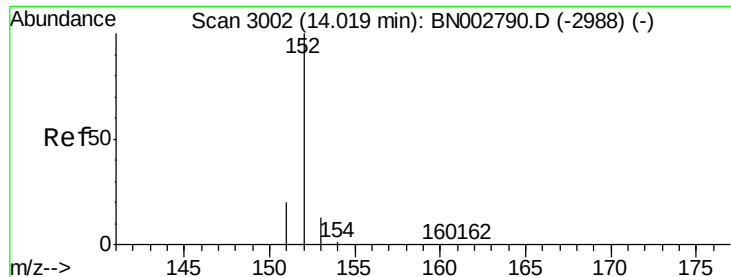
141 83.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.000 ng/ul

RT: 14.05 min Scan# 3008

Delta R.T. 0.03 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

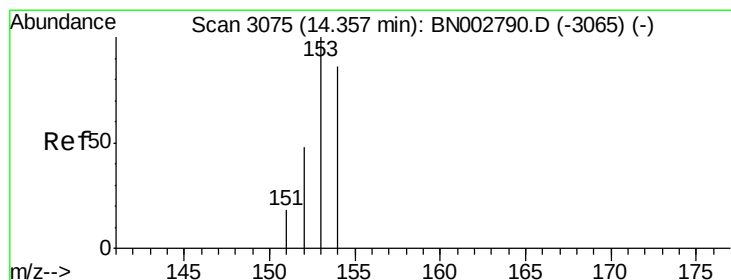
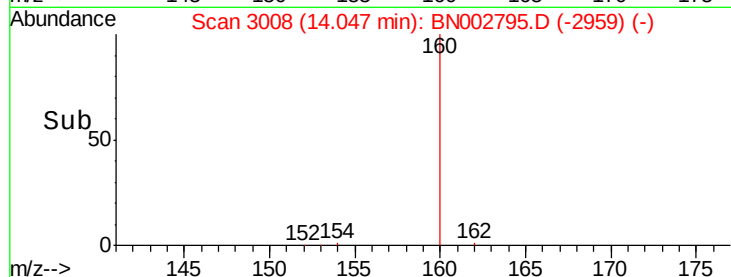
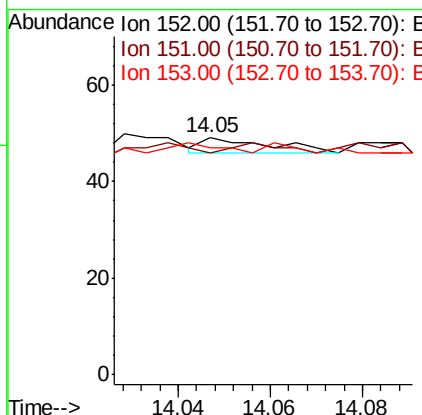
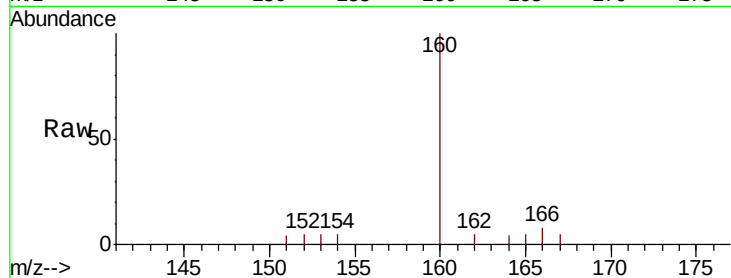
Instrument :

BNA_N

ClientSampleId :

A3ZB7

Tgt Ion:	152	Resp:	3
Ion	Ratio	Lower	Upper
152	100		
151	93.9	17.1	25.7#
153	95.9	12.8	19.2#



#8

Acenaphthene

Concen: 0.001 ng/ul

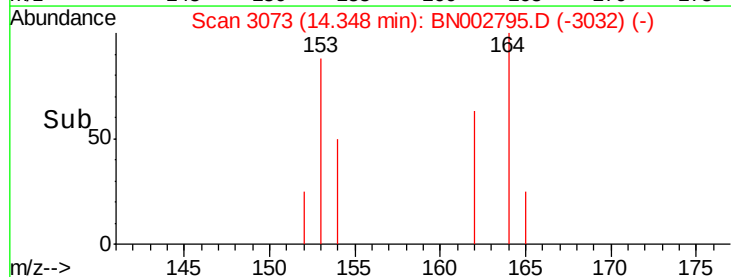
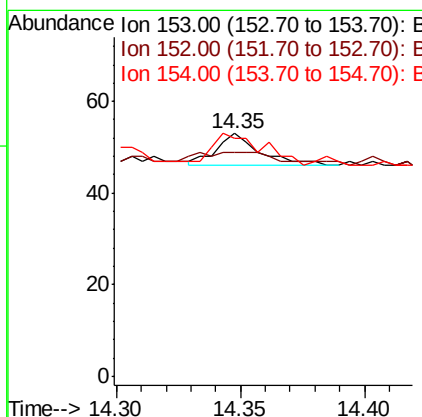
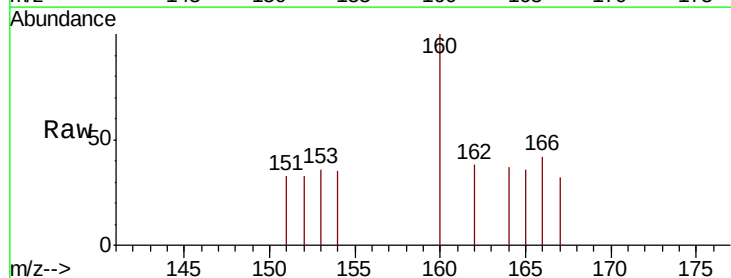
RT: 14.35 min Scan# 3073

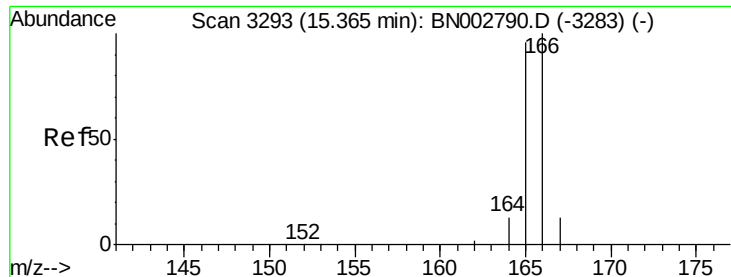
Delta R.T. -0.01 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Tgt Ion:	153	Resp:	9
Ion	Ratio	Lower	Upper
153	100		
152	92.5	36.0	54.0#
154	98.1	72.0	108.0





#9

Fluorene

Concen: 0.005 ng/ul

RT: 15.42 min Scan# 3305

Delta R.T. 0.06 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Instrument :

BNA_N

ClientSampleId :

A3ZB7

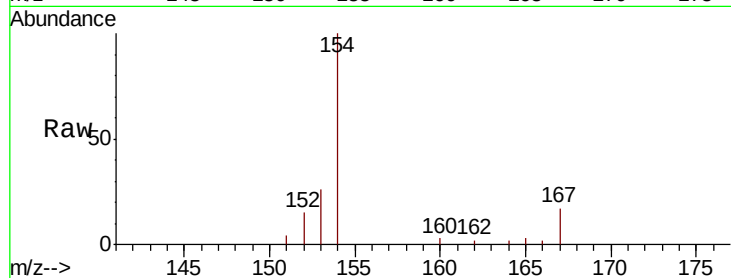
Tgt Ion:166 Resp: 62

Ion Ratio Lower Upper

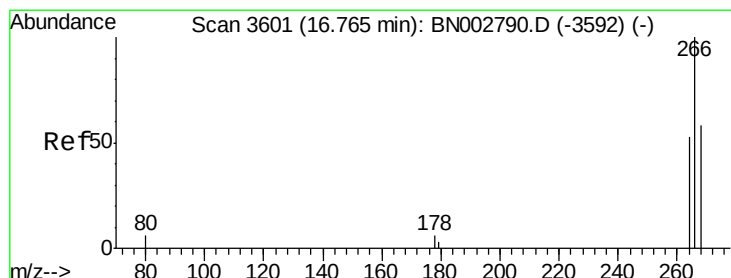
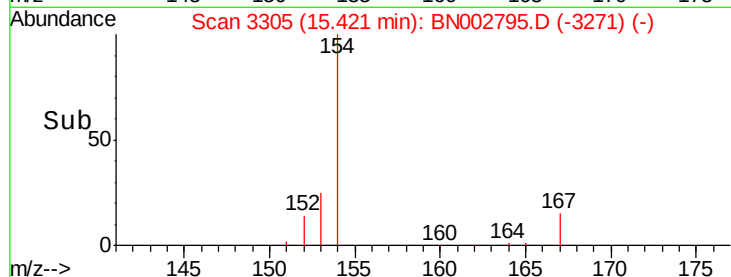
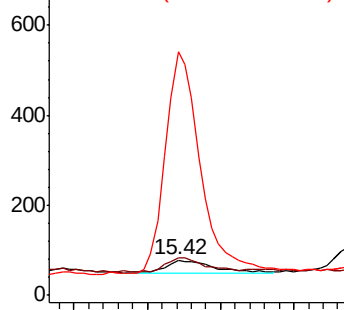
166 100

165 106.4 73.4 110.2

167 693.6 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.85 min Scan# 3622

Delta R.T. 0.09 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

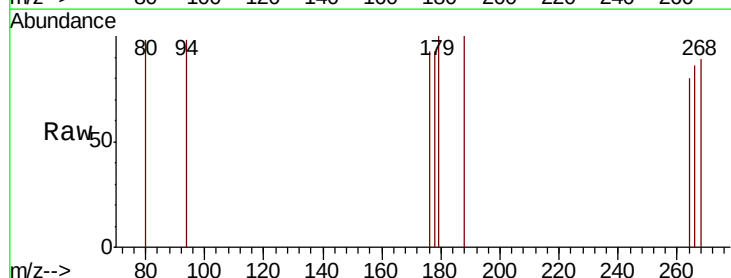
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

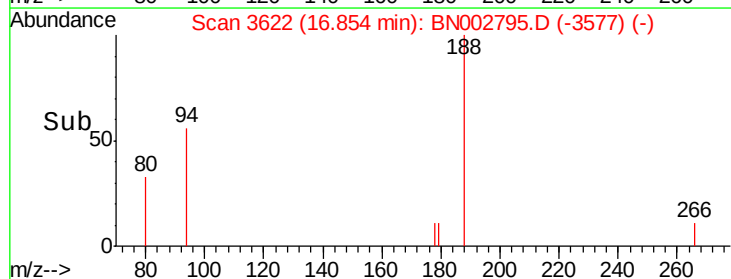
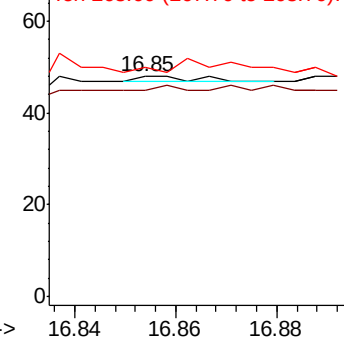
266 100

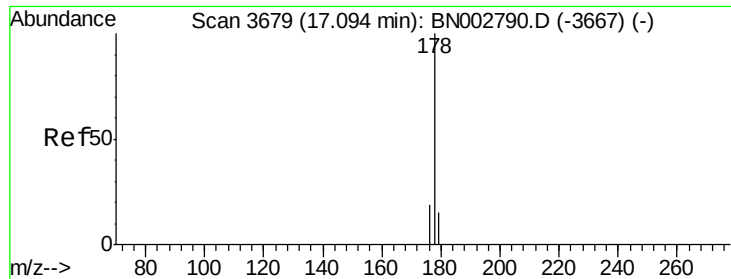
264 0.0 47.9 71.9#

268 500.0 49.8 74.8#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.04 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Instrument :

BNA_N

ClientSampleId :

A3ZB7

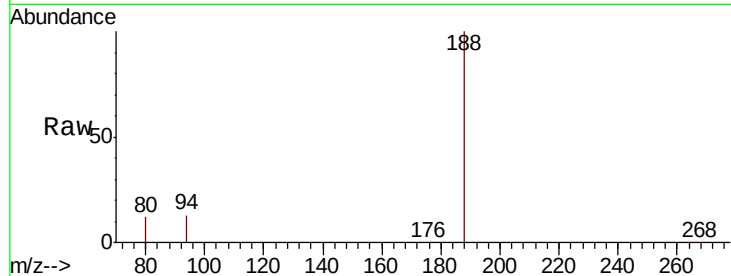
Tgt Ion:178 Resp: 326

Ion Ratio Lower Upper

178 100

179 239.5 18.4 27.6#

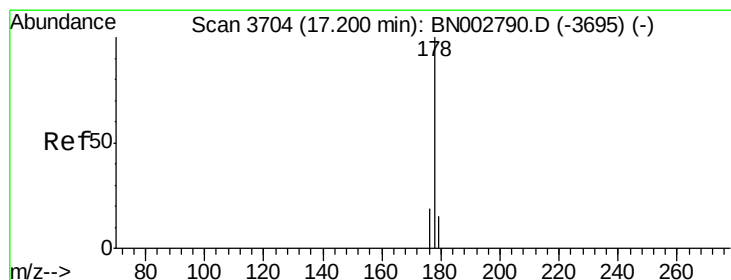
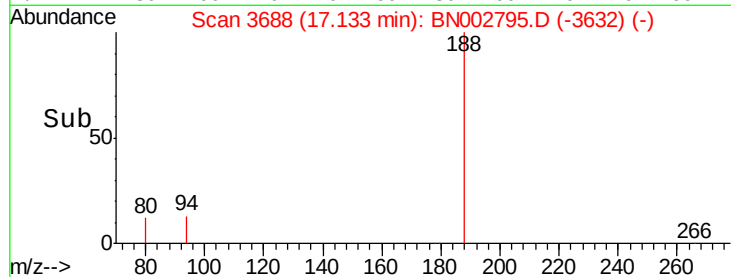
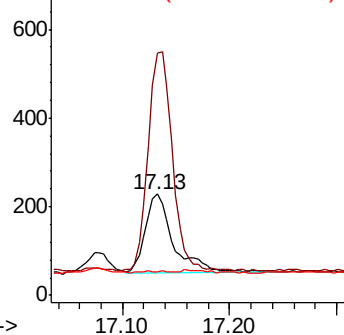
176 22.8 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. 0.07 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

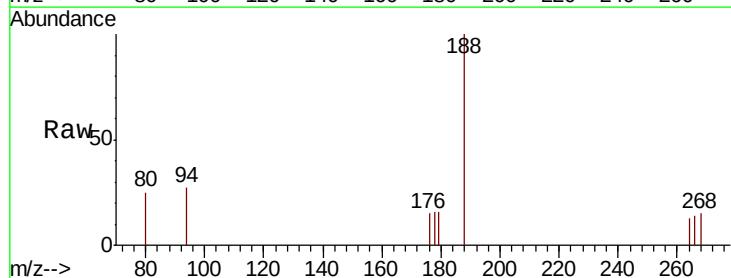
Tgt Ion:178 Resp: 3

Ion Ratio Lower Upper

178 100

179 98.2 18.1 27.1#

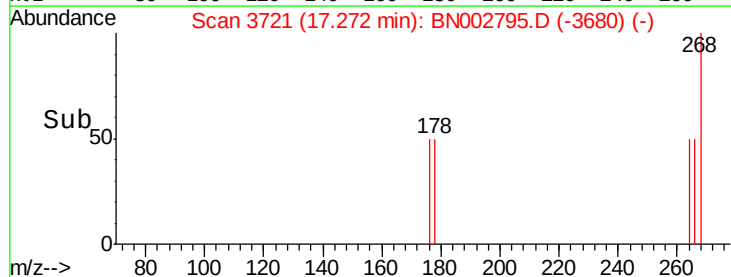
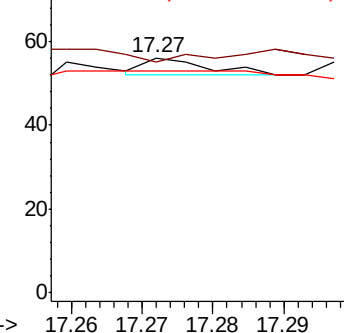
176 94.6 14.7 22.1#

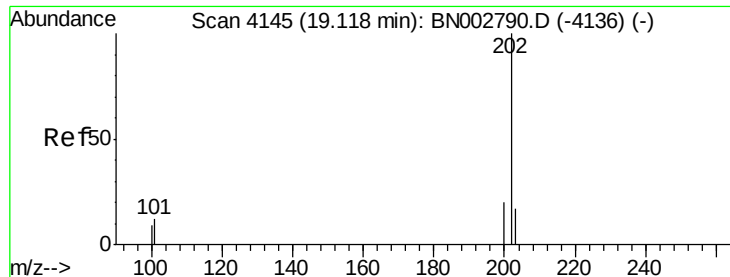


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.19 min Scan# 4160

Delta R.T. 0.07 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Instrument :

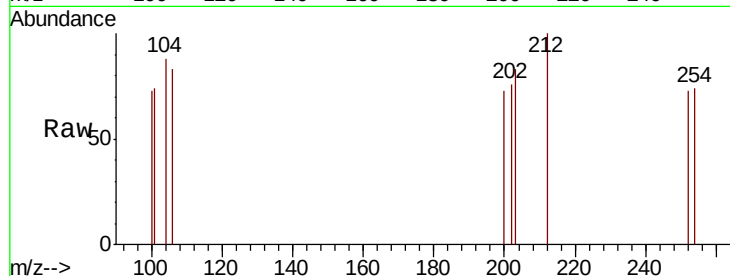
BNA_N

ClientSampleId :

A3ZB7

Tgt Ion: 202 Resp: 2

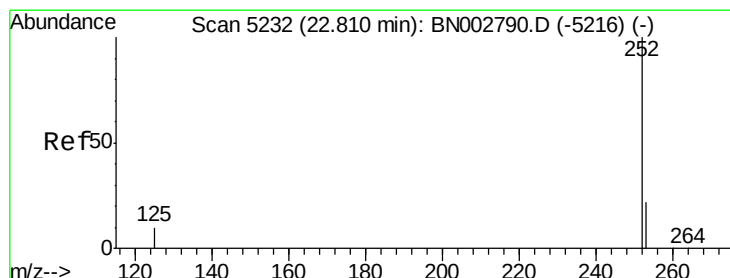
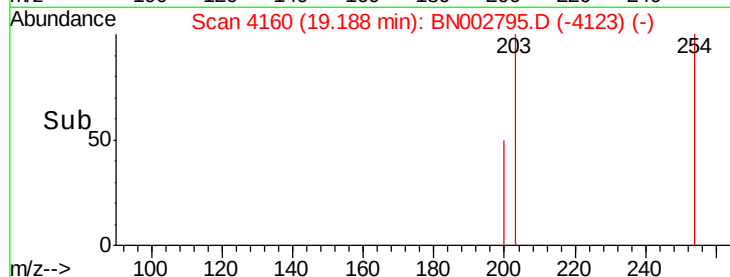
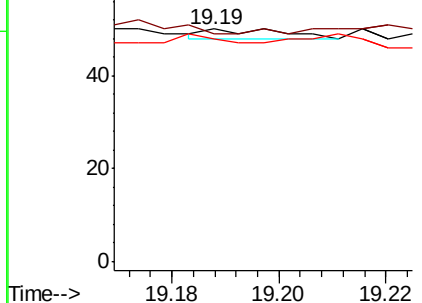
Ion	Ratio	Lower	Upper
202	100		
101	98.0	0.0	30.0#
100	96.0	0.0	30.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#21

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

RT: 22.80 min Scan# 5229

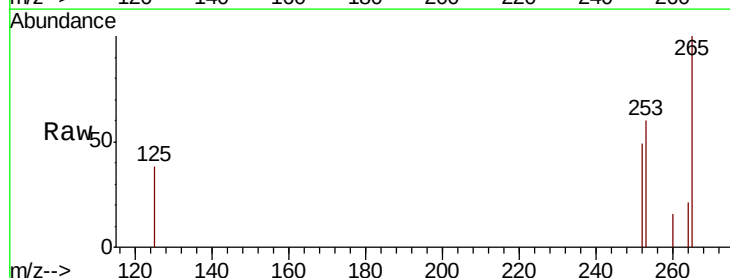
Delta R.T. -0.01 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Tgt Ion: 252 Resp: 137

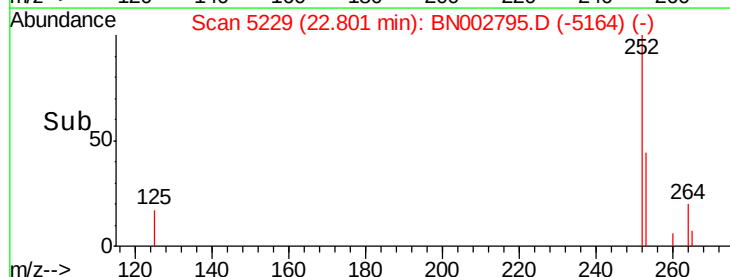
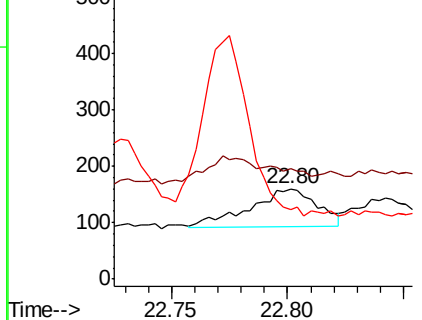
Ion	Ratio	Lower	Upper
252	100		
253	122.5	0.0	64.2#
125	76.9	0.0	35.0#

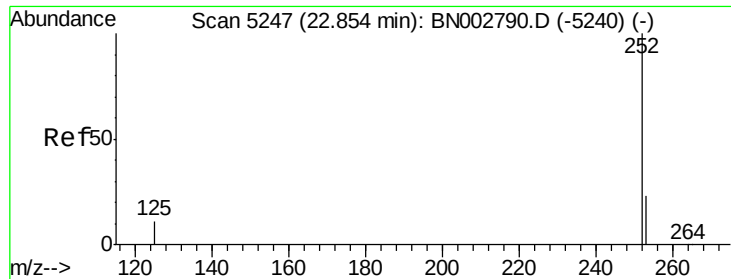


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.004 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.01 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

Instrument :

BNA_N

ClientSampleId :

A3ZB7

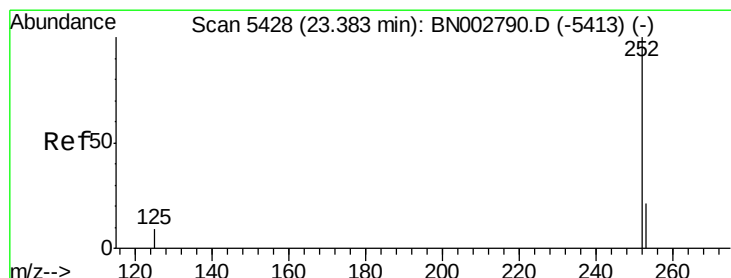
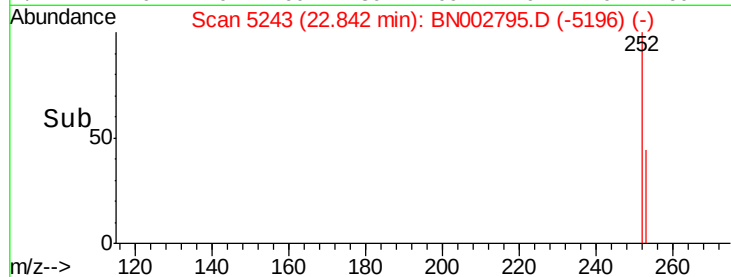
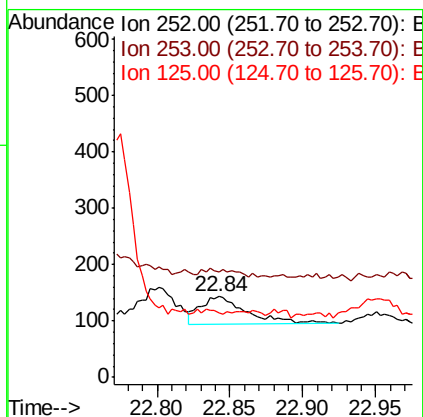
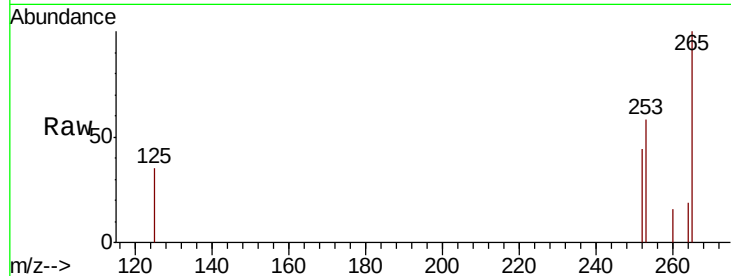
Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

253 131.5 24.5 36.7#

125 79.7 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002795.D

Acq: 20 Sep 2018 20:17

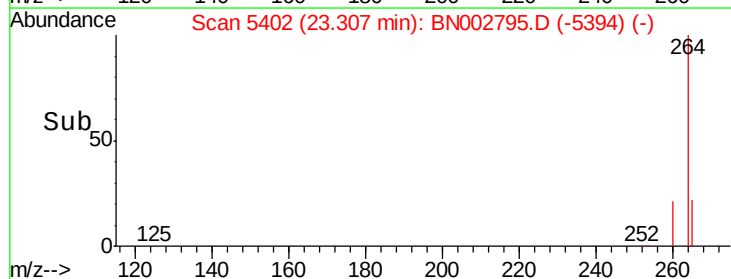
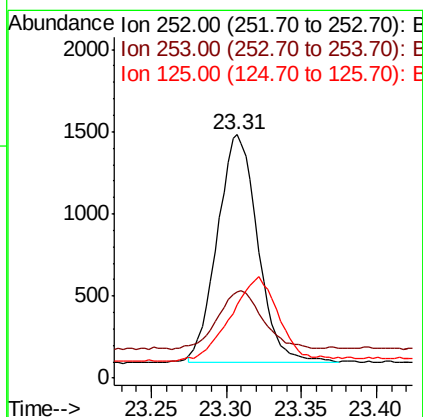
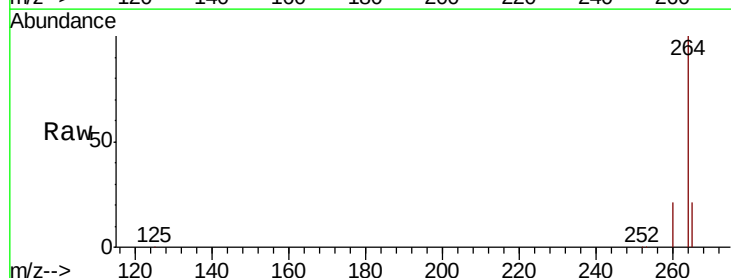
Tgt Ion:252 Resp: 2569

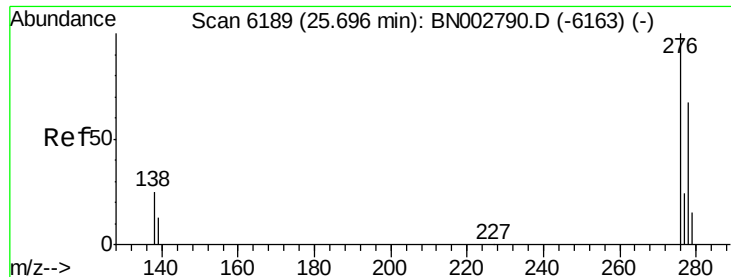
Ion Ratio Lower Upper

252 100

253 35.4 16.0 24.0#

125 30.0 12.0 18.0#



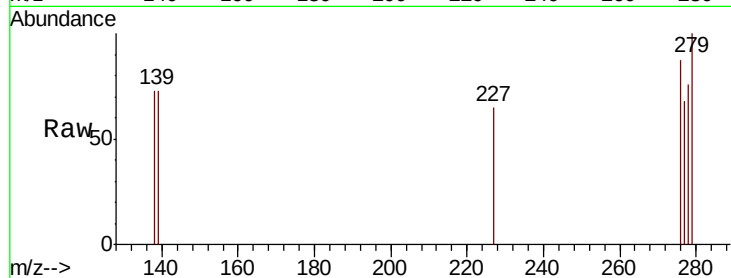


#24

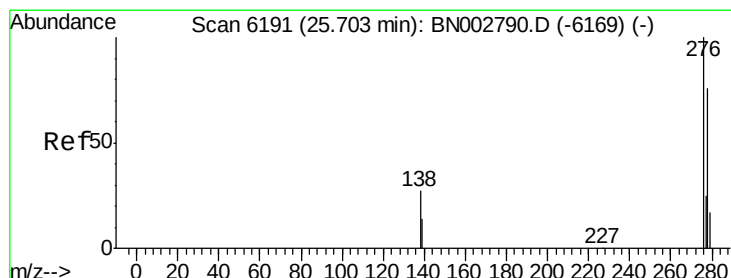
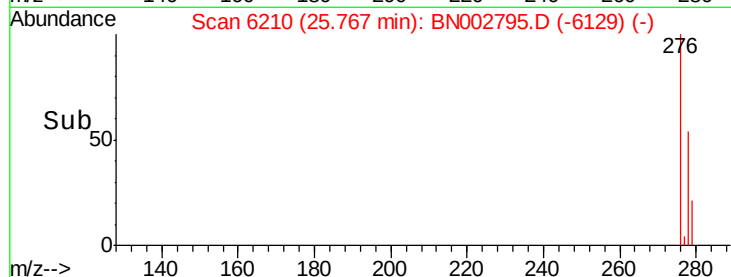
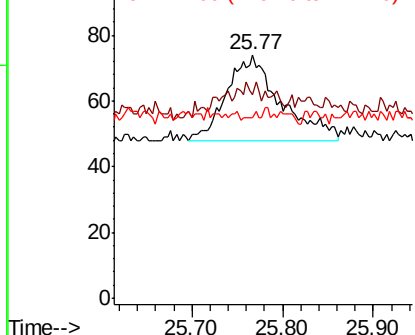
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng/ul
RT: 25.77 min Scan# 6210
Delta R.T. 0.07 min
Lab File: BN002795.D
Acq: 20 Sep 2018 20:17

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 276 Resp: 107
Ion Ratio Lower Upper
276 100
138 20.6 28.0 42.0#
227 0.9 0.8 1.2



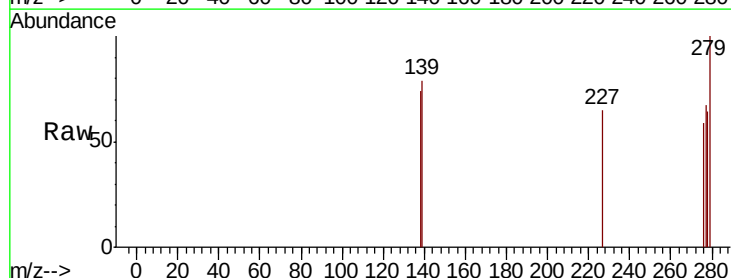
Abundance Ion 276.00 (275.70 to 276.70): E
100 Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



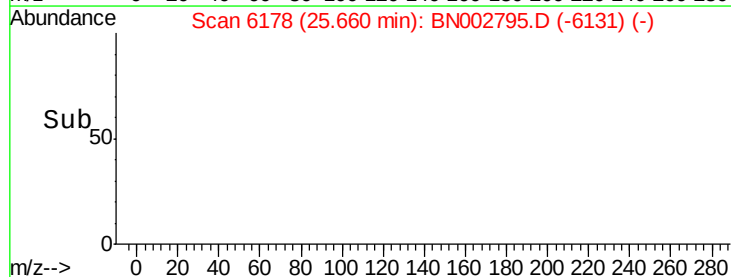
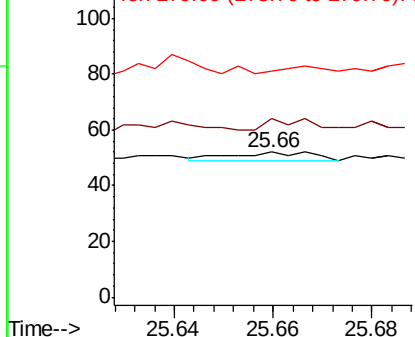
#25

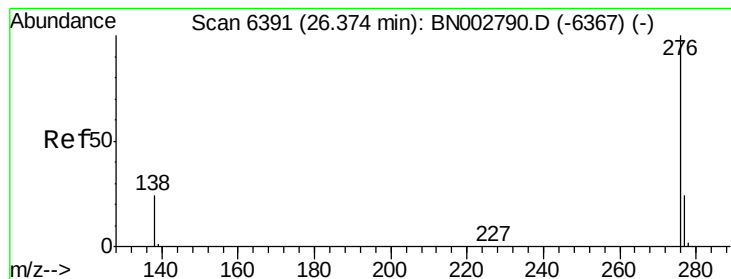
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.04 min
Lab File: BN002795.D
Acq: 20 Sep 2018 20:17

Tgt Ion: 278 Resp: 4
Ion Ratio Lower Upper
278 100
139 123.1 17.4 26.0#
279 155.8 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
120 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.004 ng/ul

RT: 26.44 min Scan# 6410

Delta R.T. 0.06 min

Lab File: BN002795.D

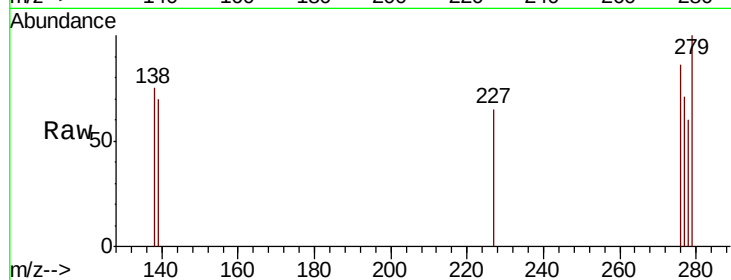
Acq: 20 Sep 2018 20:17

Instrument :

BNA_N

ClientSampleId :

A3ZB7



Tgt Ion: 276 Resp: 100

Ion Ratio Lower Upper

276 100

138 87.5 21.8 32.8#

277 83.3 20.5 30.7#

